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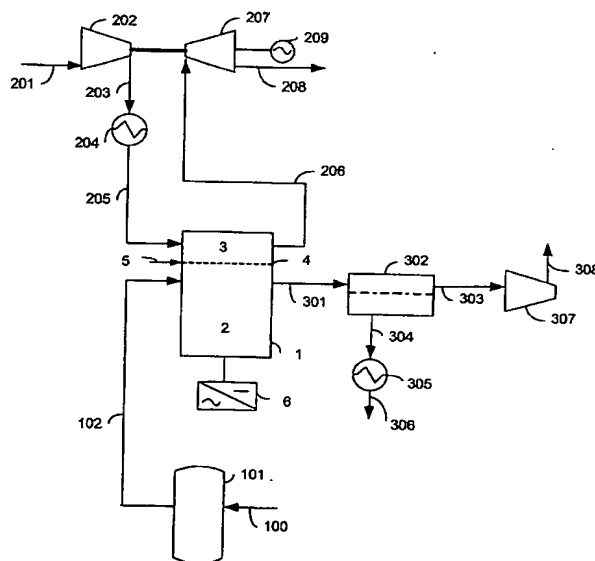
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(54) Title: A METHOD FOR EXHAUST GAS TREATMENT IN A SOLID OXIDE FUEL CELL POWER PLANT



(57) Abstract: The invention relates to anode exhaust gas treatment methods for solid oxide fuel cell power plants with CO₂ capture, in which the unreacted fuel in the anode exhaust (301) is recovered and recycled, while the resulting exhaust stream (303) consists of highly concentrated CO₂. It is essential to the invention that the anode fuel gas (102) and the cathode air (205) are kept separate throughout the solid oxide fuel cell stacks (1). A gas turbine (202, 207) is included on the air side in order to maximise the electrical efficiency.



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